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(FILE 'USPAT' ENTERED AT 17:00:01 ON 08 SEP 94)

L1 7646 S PRESSURE SENSOR AND (FLUID OR LIQUID)
L2 342779 S CHAMBER OR ENCLOSURE
L3 165070 S INLET AND OUTLET
L4 16560 S BOOT#
L5 151807 S PISTON#
L6 2521 S L1 AND L5
L7 1057 S L6 AND L3
L8 28 S L7 AND L4
L9 26 S L8 AND L2
L10 25 S L9 AND WELL
L11 0 S L10 AND DRILLING
L12 22 S L10 AND AUTOMATIC

=> d 112 1-22

Pressure Sensor

1. 5,211,080, May 18, 1993, Method of shift control during a coastdown shift for an electronic automatic transmission system; Maurice B. Leising, et al., 475/123; 74/732.1; 364/424.1; 475/120 [IMAGE AVAILABLE]

2. 5,174,334, Dec. 29, 1992, Noise control device for a solenoid-actuated valve; Thomas D. Nogle, 137/596.17, 625.65; 251/50, 129.14, 129.16, 129.2 [IMAGE AVAILABLE]

3. 5,115,698, May 26, 1992, Electronically-controlled, adaptive automatic transmission system; Maurice B. Leising, et al., 475/65, 116 [IMAGE AVAILABLE]

4. 5,027,934, Jul. 2, 1991, Double-acting spring in an automatic transmission; Howard L. Benford, 192/85AA, 87.15, 87.16 [IMAGE AVAILABLE]

5. 4,982,620, Jan. 8, 1991, Method of learning for adaptively controlling an electronic automatic transmission system; Gerald L. Holbrook, et al., 74/731.1; 192/3.3; 475/61 [IMAGE AVAILABLE]

6. 4,964,506, Oct. 23, 1990, Pressure balanced pistons in an automatic transmission; Howard L. Benford, et al., 192/106F [IMAGE AVAILABLE]

7. 4,944,200, Jul. 31, 1990, Method of applying reverse gear in an automatic transmission; Howard L. Benford, et al., 477/155; 475/129, 132; 477/143 [IMAGE AVAILABLE]

8. 4,938,102, Jul. 3, 1990, Method of adaptively scheduling a shift for an electronic automatic transmission system; Maurice B. Leising, et al., 477/154; 155 [IMAGE AVAILABLE]

9. 4,936,167, Jun. 26, 1990, Method of universally organizing shifts for an automatic transmission system; Hemang S. Mehta, 477/155; 364/424.1; 477/143 [IMAGE AVAILABLE]

10. 4,935,872, Jun. 19, 1990, Method of shift selection in an electronic automatic transmission system; Howard L. Benford, et al., 364/424.1; 477/115 [IMAGE AVAILABLE]

11. 4,916,961, Apr. 17, 1990, Cam-controlled manual valve in an automatic transmission; Gerald L. Holbrook, et al., 74/337.5, 475; 477/127 [IMAGE AVAILABLE]

12. 4,915,204, Apr. 10, 1990, Push/pull clutch apply piston of an automatic transmission; James R. Klotz, et al., 192/87.17, 48.91, 87.16 [IMAGE AVAILABLE]

13. 4,907,681, Mar. 13, 1990, Park locking mechanism for an automatic transmission; Uno Kuusik, et al., 192/4A; 74/577S; 188/31 [IMAGE AVAILABLE]

14. 4,907,475, Mar. 13, 1990, Fluid switching manually between valves in an automatic transmission; Gerald L. Holbrook, 477/134; 475/123, 132 [IMAGE AVAILABLE]

15. 4,905,545, Mar. 6, 1990, Method of controlling the speed change of a kickdown shift for an electronic automatic transmission system; Maurice B. Leising, et al., 477/133; 364/424.1; 477/148, 149 [IMAGE AVAILABLE]

16. 4,887,491, Dec. 19, 1989, Solenoid-actuated valve arrangement for a limp-home mode of an automatic transmission; Gerald L. Holbrook, et al., 477/34, 906 [IMAGE AVAILABLE]

17. 4,875,391, Oct. 24, 1989, Electronically-controlled, adaptive automatic transmission system; Maurice B. Leising, et al., 477/155 [IMAGE AVAILABLE]

18. 4,175,399, Nov. 27, 1979, Closed loop air conditioning system having automatic pressurizing means for variation of heat rate; Thomas C. Edwards, et al., 62/172, 402 [IMAGE AVAILABLE]

19. 4,175,397, Nov. 27, 1979, Closed loop air conditioning system including pressurization by blockage and aspiration; Thomas C. Edwards, et al., 62/149, 402 [IMAGE AVAILABLE]

20. 4,056,334, Nov. 1, 1977, Vacuum system; William S. Fortune, 417/189; 92/7; 228/20.5 [IMAGE AVAILABLE]

21. 3,960,323, Jun. 1, 1976, Powder spray system; Lane S. Duncan, et al., 239/3; 55/385.1; 95/69; 96/57; 239/695 [IMAGE AVAILABLE]

22. 3,870,375, Mar. 11, 1975, POWDER SPRAY SYSTEM; Lane S. Duncan, et al., 406/127; 239/695; 406/138, 144 [IMAGE AVAILABLE]

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L12 22 S L10 AND AUTOMATIC
L13 117 S COMPENSATION VALVE
L14 299400 S ARM#
L15 456920 S SIGNAL#
L16 79 S L13 AND L5
L17 36 S L16 AND L3
L18 3 S L17 AND L1
L19 11 S L17 AND L14
L20 8 S L19 AND L15

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1. 5,169,295, Dec. 8, 1992, Method and apparatus for compressing gases with a liquid system; John Stogner, et al., 417/339; 91/508 [IMAGE AVAILABLE]

2. 5,079,919, Jan. 14, 1992, Hydraulic drive system for crawler mounted vehicle; Kazunori Nakamura, et al., 60/426, 427, 450, 484; 91/517, 531 [IMAGE AVAILABLE]

3. 4,967,557, Nov. 6, 1990, Control system for load-sensing hydraulic drive circuit; Eiki Izumi, et al., 60/423, 426, 431, 433, 449, 452; 91/446, 518, 529 [IMAGE AVAILABLE]

=> d 120 1-8

1. 5,161,373, Nov. 10, 1992, Hydraulic control valve system; Rindo Morikawa, et al., 60/484; 91/446, 532 [IMAGE AVAILABLE]

2. 5,079,919, Jan. 14, 1992, Hydraulic drive system for crawler mounted vehicle; Kazunori Nakamura, et al., 60/426, 427, 450, 484; 91/517, 531 [IMAGE AVAILABLE]

3. 5,033,288, Jul. 23, 1991, Method and device for analyzing a multiphase fluid flowing in a pipe; Yvon Castel, 73/61.44 [IMAGE AVAILABLE]

4. 5,025,625, Jun. 25, 1991, Commonly housed directional and pressure compensation valves for load sensing control system; Rindo Morikawa, 60/426; 91/446, 517, 518; 137/596, 596.13 [IMAGE AVAILABLE]

5. 4,480,504, Nov. 6, 1984, System for controlling transmission ratio of transmission for automotive vehicles; Tomio Oguma, 477/50 [IMAGE AVAILABLE]

6. 4,466,312, Aug. 21, 1984, System for controlling transmission ratio of transmission for automotive vehicles; Tomio Oguma, 477/50; 476/2, 10 [IMAGE AVAILABLE]

7. 4,417,633, Nov. 29, 1983, Hydraulic system for preventing leak down of hydraulic implements; Donnell L. Dunn, 180/132, 152, DIG.5; 280/764.1 [IMAGE AVAILABLE]

8. 4,096,838, Jun. 27, 1978, Fuel control system for an internal combustion engine; Eizi Tanaka, et al., 123/453, 454 [IMAGE AVAILABLE]

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L17 36 S L16 AND L3
 L18 3 S L17 AND L1
 L19 11 S L17 AND L14
 L20 8 S L19 AND L15
 L21 4596 S LOAD CELL
 L22 62 S FLUID LEVEL WARNING OR FLUID LEVEL DETECTING
 L23 53881 S DIAPHRAGM#
 L24 72015 S ORIFICE
 L25 44583 S COMPRESSED AIR
 L26 142744 S HYDRAULIC
 L27 1247 S L26 AND L21
 L28 0 S L27 AND L22
 L29 103 S L27 AND L23
 L30 12 S L29 AND L24
 L31 5 S L30 AND L25
 L32 5 S L29 AND FLUID LEVEL
 L33 0 S L22 AND L21
 L34 2 S L22 AND L25

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Load cell

1. 5,299,488, Apr. 5, 1994, Active suspension system; George Kadlicko, et al., 91/363A, 367; 188/299; 280/707, 714 [IMAGE AVAILABLE]
2. 5,113,345, May 12, 1992, System for controlling active suspensions of a vehicle; Atsushi Mine, et al., 364/424.05; 280/707, DIG.1 [IMAGE AVAILABLE]
3. 5,020,778, Jun. 4, 1991, Apparatus for stirring molten metal; Marc-Andre Thibault, et al., 266/89, 91, 94, 208, 233 [IMAGE AVAILABLE]
4. 4,491,027, Jan. 1, 1985, Wide-range load cell ; Stanley Yalof, et al., 73/862.52, 862.542, 862.635 [IMAGE AVAILABLE]
5. 4,300,397, Nov. 17, 1981, Device and method for determining material strength in situ; Carel J. H. Brest van Kempen, 73/818, 761, 784, 790 [IMAGE AVAILABLE]
6. 4,197,196, Apr. 8, 1980, Proportioning fluids in hemodialysis systems; Harry Pinkerton, 210/646, 321.65, 321.72, 416.1 [IMAGE AVAILABLE]
7. 4,015,626, Apr. 5, 1977, Constant flow valve for low flow rates; Petur Thordarson, 137/375, 501 [IMAGE AVAILABLE]
8. 3,917,230, Nov. 4, 1975, Well drilling control system; Charles D. Barron, 254/270; 175/27; 192/51; 254/274, 337, 340, 358, 367, 900, 903 [IMAGE AVAILABLE]
9. 3,812,723, May 28, 1974, FORCE MEASURING WEIGHING DEVICE; Charles D. Barron, 73/434; 177/208, 209 [IMAGE AVAILABLE]
10. 3,811,660, May 21, 1974, EQUIPMENT FOR MAKING FOAM FOR DUST SUPPRESSION AND OTHER PURPOSES; Howard W. Cole, Jr., 261/18.1; 169/15; 261/35, DIG.26 [IMAGE AVAILABLE]
11. 3,801,071, Apr. 2, 1974, TOWING WINCH CONTROL SYSTEM; Charles D. Barron, 254/267; 114/254; 254/273, 358, 367, 368, 900; D21/130 [IMAGE AVAILABLE]
12. 3,791,467, Feb. 12, 1974, SCALE HAVING A RESTRAINED MOVABLE BALANCING MEMBER; Burt L. Swersey, et al., 177/157, 170, 210R, 230, 254 [IMAGE AVAILABLE]

=> d 131 1-5

1. 5,020,778, Jun. 4, 1991, Apparatus for stirring molten metal; Marc-Andre Thibault, et al., 266/89, 91, 94, 208, 27 [IMAGE AVAILABLE]
2. 4,300,397, Nov. 17, 1981, Device and method for determining material strength in situ; Carel J. H. Brest van Kempen, 73/818, 761, 784, 790 [IMAGE AVAILABLE]
3. 4,015,626, Apr. 5, 1977, Constant flow valve for low flow rates; Petur Thordarson, 137/375, 501 [IMAGE AVAILABLE]
4. 3,812,723, May 28, 1974, FORCE MEASURING WEIGHING DEVICE; Charles D. Barron, 73/434; 177/208, 209 [IMAGE AVAILABLE]
5. 3,811,660, May 21, 1974, EQUIPMENT FOR MAKING FOAM FOR DUST SUPPRESSION AND OTHER PURPOSES; Howard W. Cole, Jr., 261/18.1; 169/15; 261/35, DIG.26 [IMAGE AVAILABLE]

=> d 132 1-5

1. 5,279,163, Jan. 18, 1994, Sensor and transducer apparatus; Nicholas F. D'Antonio, et al., 73/728, 861.74; 128/725; 336/30 [IMAGE AVAILABLE]
2. 4,987,783, Jan. 29, 1991, Sensor and transducer apparatus; Nicholas F. D'Antonio, et al., 73/432.1, 862.626; 331/181; 336/136 [IMAGE AVAILABLE]
3. 4,848,495, Jul. 18, 1989, Hydraulic damper; Junichi Hayashi, 177/187; 188/298 [IMAGE AVAILABLE]
4. 4,759,493, Jul. 26, 1988, Method of manufacturing a hydraulic load cell; Chester D. Bradley, et al., 228/182, 184 [IMAGE AVAILABLE]
5. 4,716,979, Jan. 5, 1988, Load cell with welded components; Chester D. Bradley, et al., 177/208, 255 [IMAGE AVAILABLE]

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1. 5,117,739, Jun. 2, 1992, Fluid driven multi-axis apparatus; Patrick F. Maher, et al., 92/2; 74/479PF, 479R; 91/61; 92/59, 61, 66, 117R, 136; 116/285 [IMAGE AVAILABLE]
2. 3,897,807, Aug. 5, 1975, Manifoled tank cars for unit train service; Doug Hurst, et al., 141/98; 137/575; 141/35 [IMAGE AVAILABLE]